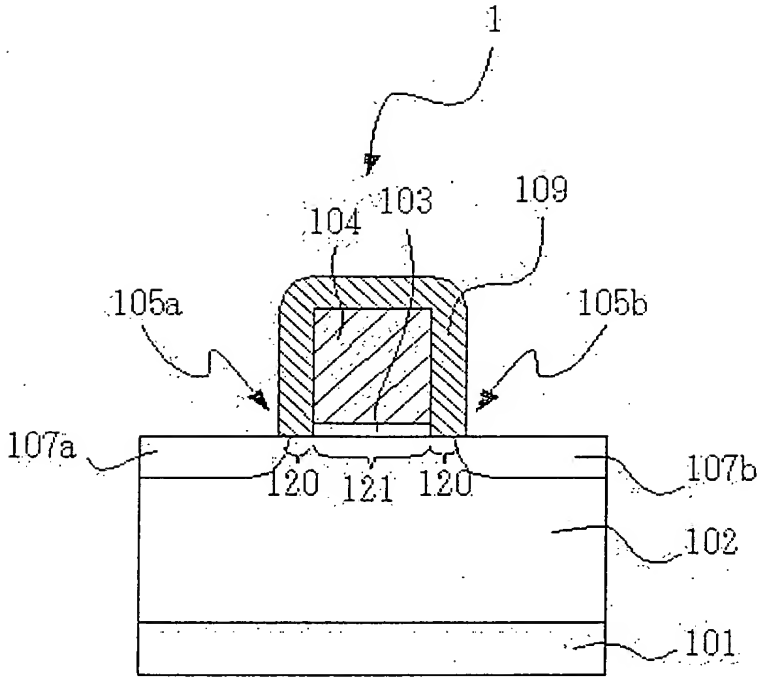


Fig. 1

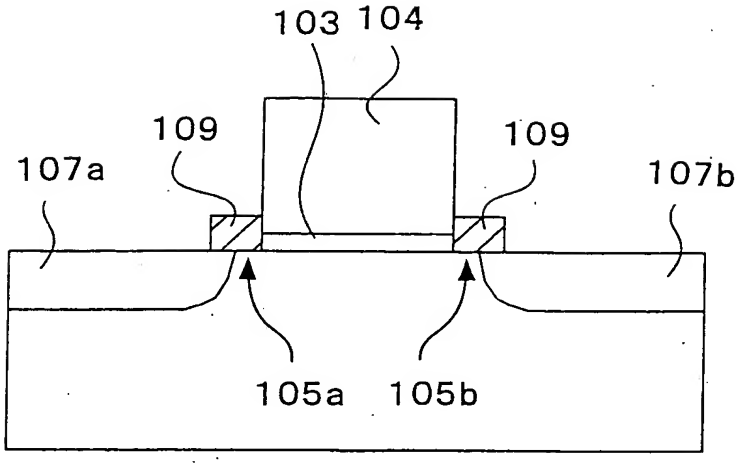


Fig. 2A

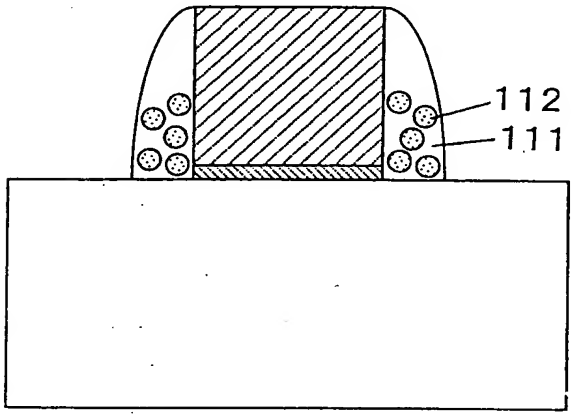


Fig. 2B

Fig. 3

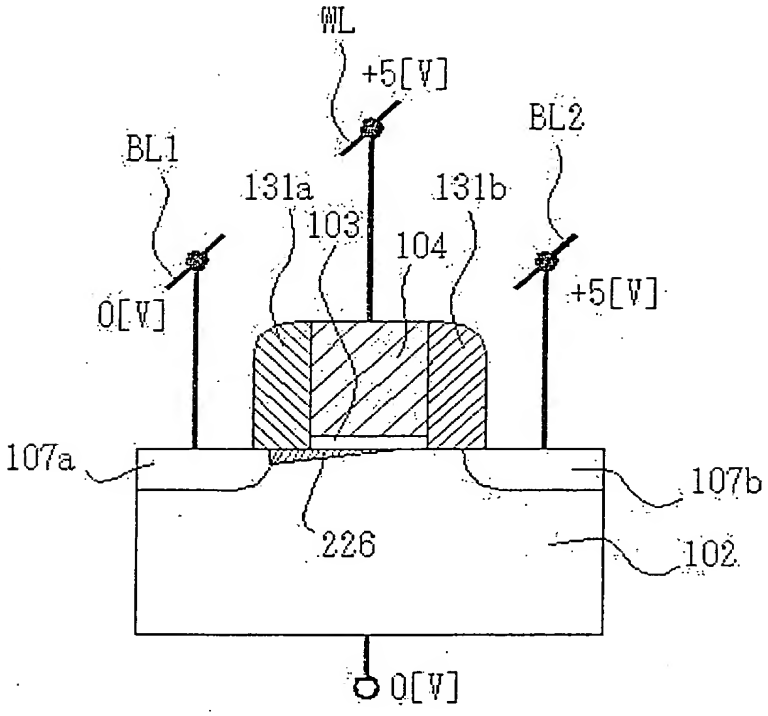

WL
+5[V]
BL1
BL2
131a
131b
103
104
0[V]
+5[V]
107a
107b
226
102
0[V]

Fig. 4

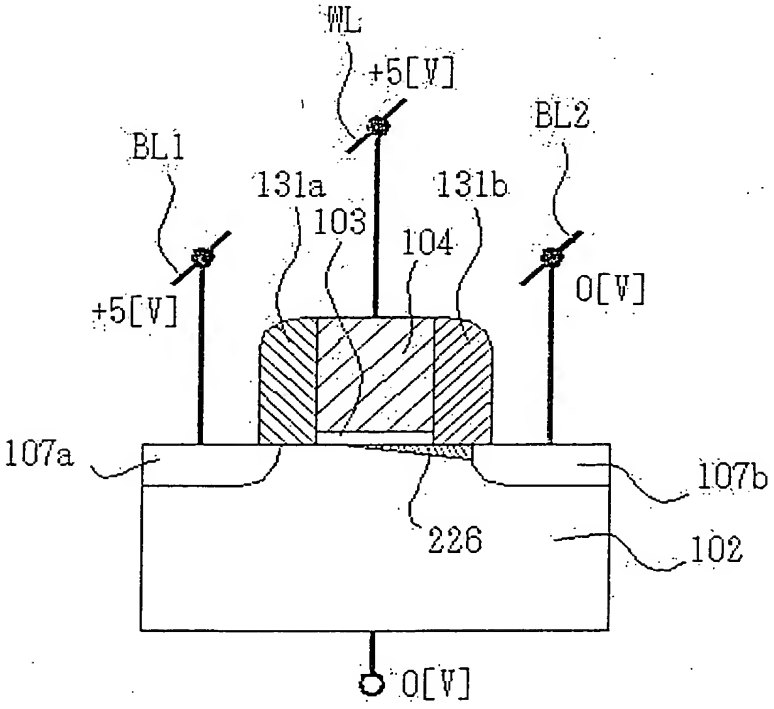

WL
+5[V]
BL1
BL2
131a
131b
103
104
+5[V]
0[V]
107a
107b
226
102
0[V]

Fig. 5

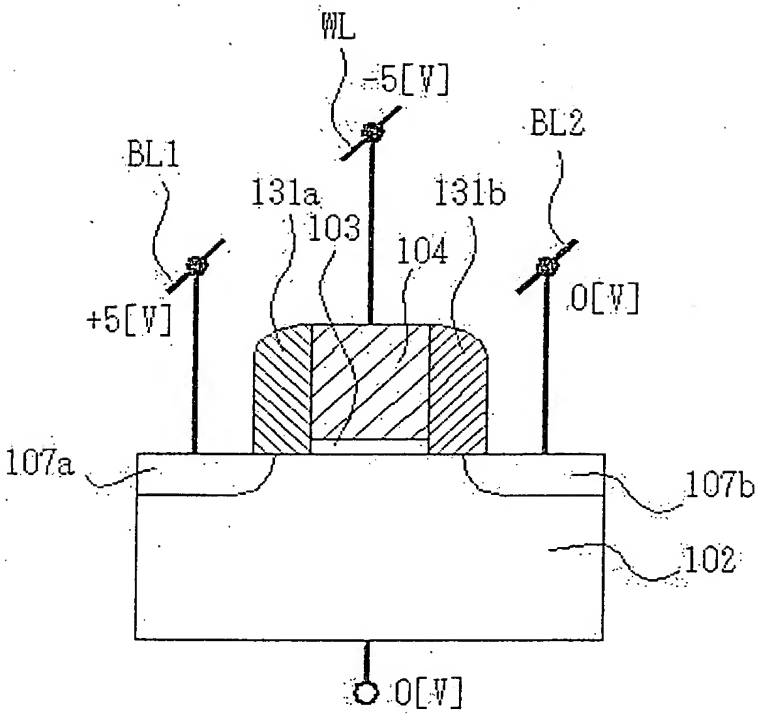

WL
-5[V]
BL1
BL2
131a
131b
103
104
+5[V]
0[V]
107a
107b
102
0[V]

Fig. 6

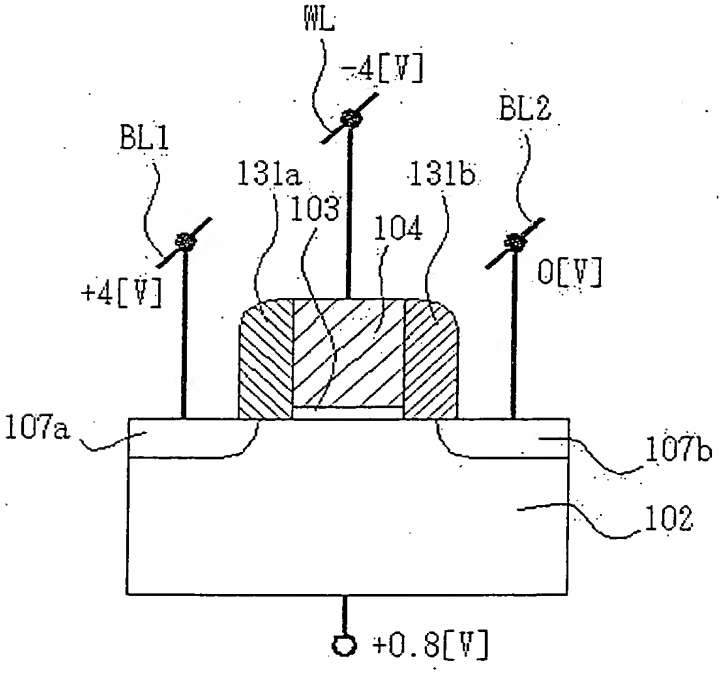

WL
-4[V]
BL1
BL2
131a
131b
103
104
+4[V]
0[V]
107a
107b
102
+0.8[V]

Fig. 7

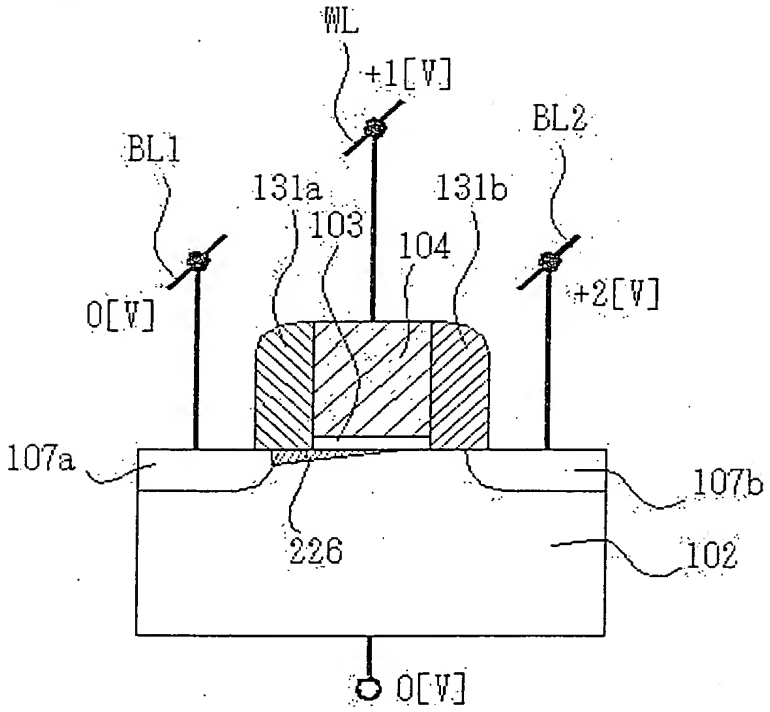

WL
+1[V]
BL2
BL1
131a
131b
103
104
0[V]
+2[V]
107a
107b
226
102
0[V]

Fig. 8

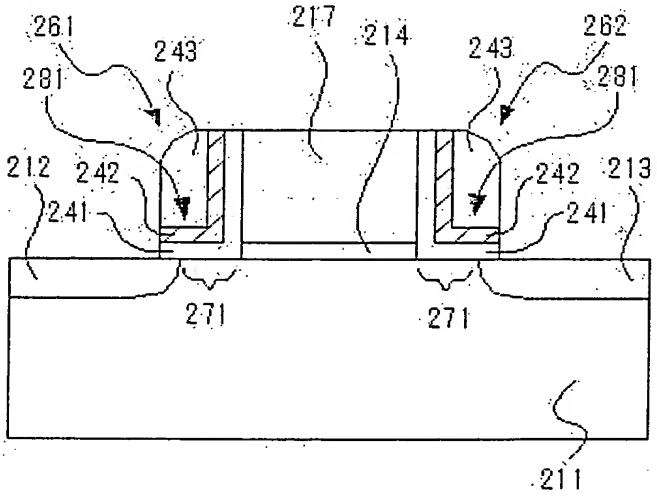

261
243
217
214
243
262
281
281
212
242
242
213
241
241
271
271
211

Fig. 9

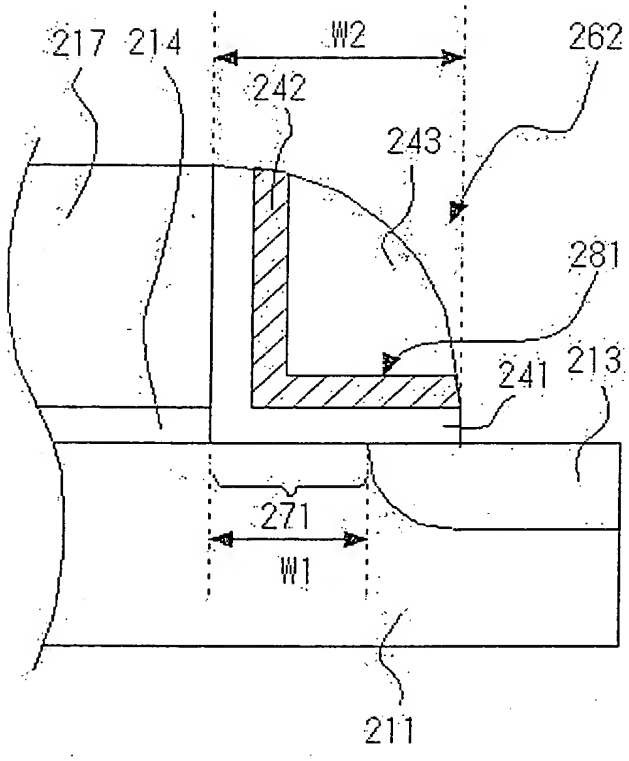

217
214
W2
262
242
243
281
241
213
271
W1
211

Fig. 10

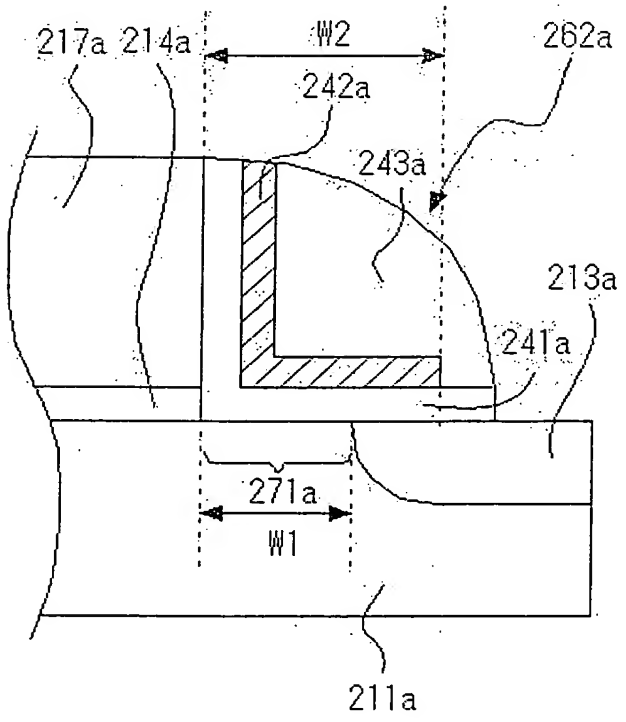

217a
214a
W2
262a
242a
243a
213a
241a
271a
W1
211a

Fig. 11

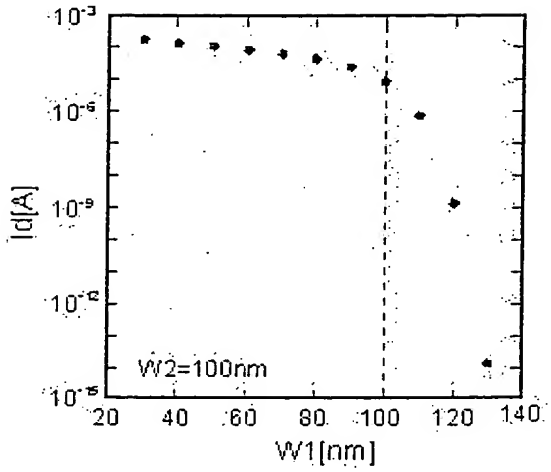

10^-3
10^-6
10^-9
10^-12
10^-15
Id[A]
W2=100nm
20
40
60
80
100
120
140
W1[nm]

Fig. 12

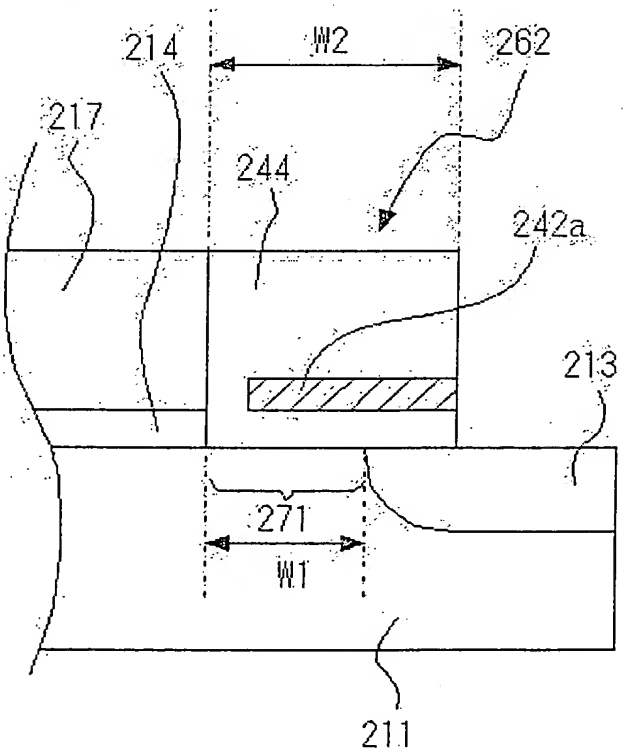

214
W2
262
217
244
242a
213
271
W1
211

Fig. 13

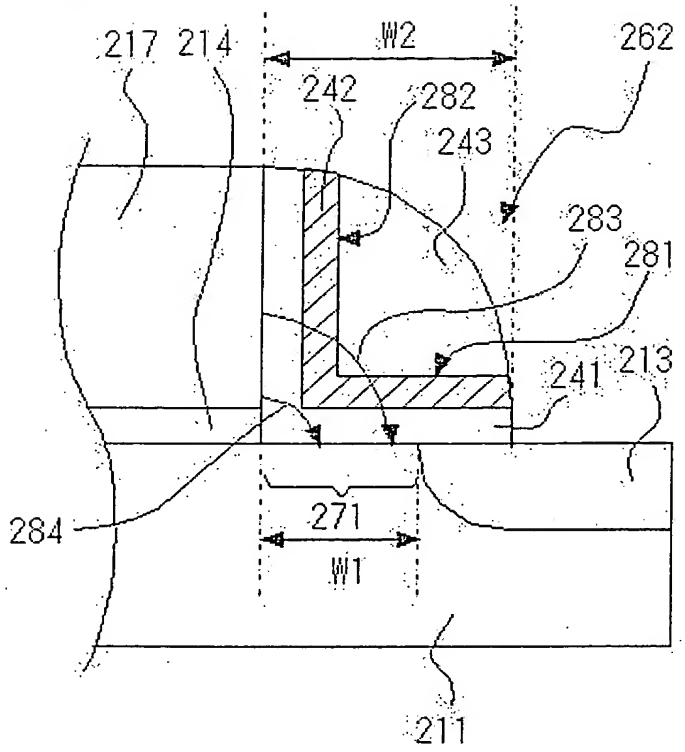

217
214
W2
262
242
282
243
283
281
241
213
284
271
W1
211

Fig. 14

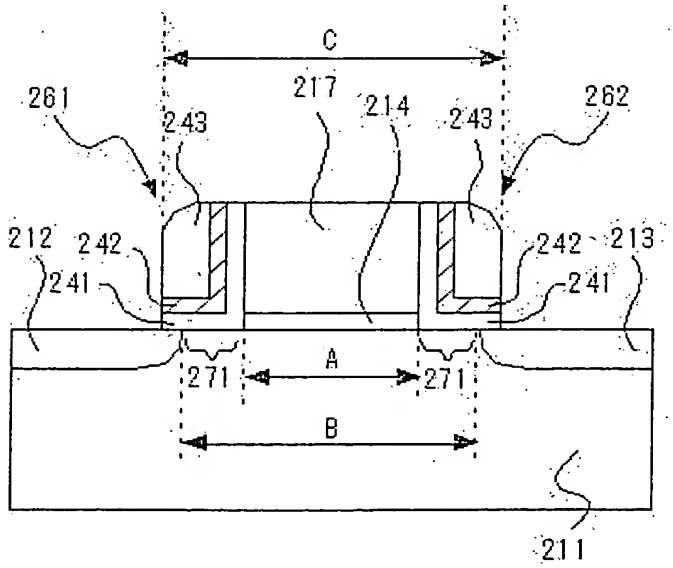
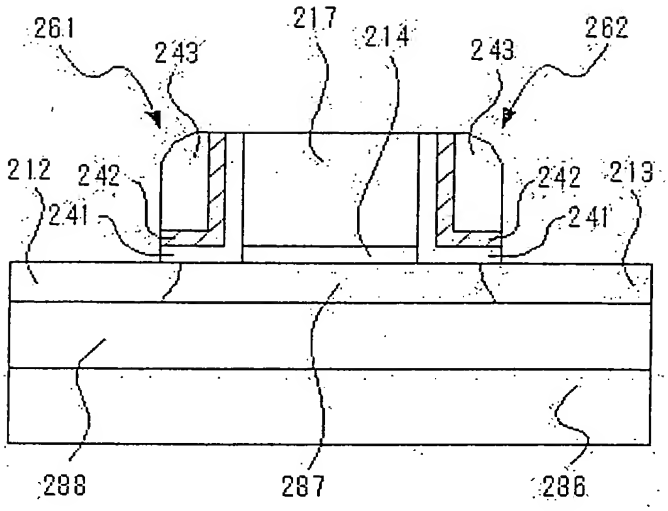

C
261
217
214
243
243
262
212
242
241
242
213
241
271
A
271
B
211

Fig. 15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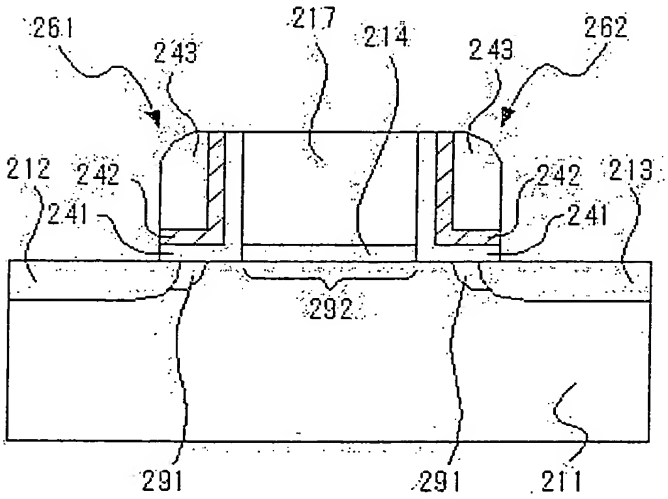
214
243
262
212
242
241
242
241
213
288
287
286

Fig. 16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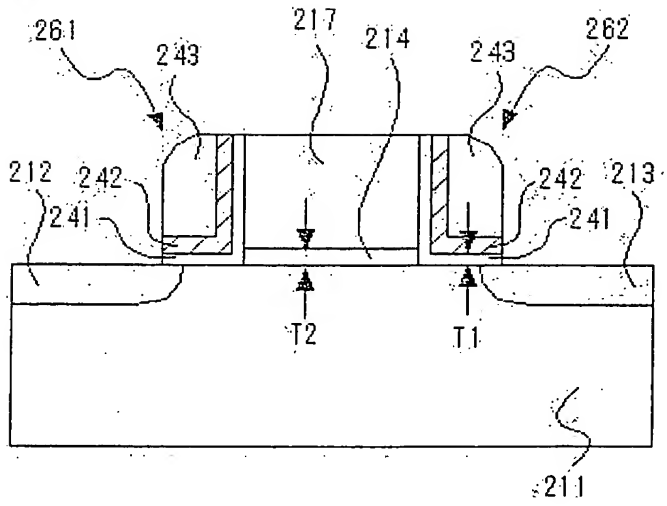
243
217
214
243
262
212
242
241
242
241
213
292
291
291
211

Fig. 17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243
217
214
243
262
212
242
241
242
241
213
T2
T1
211

Fig. 18

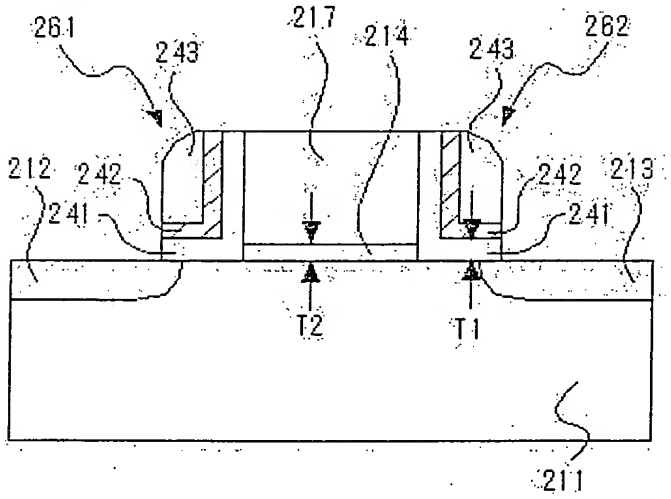

261
243
217
214
243
262
212
242
241
242
241
213
T2
T1
211

Fig. 19

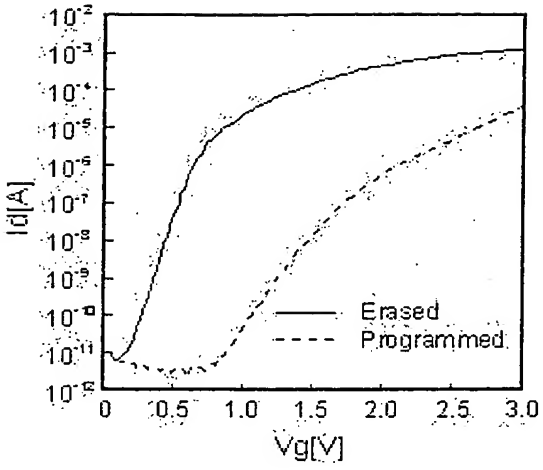
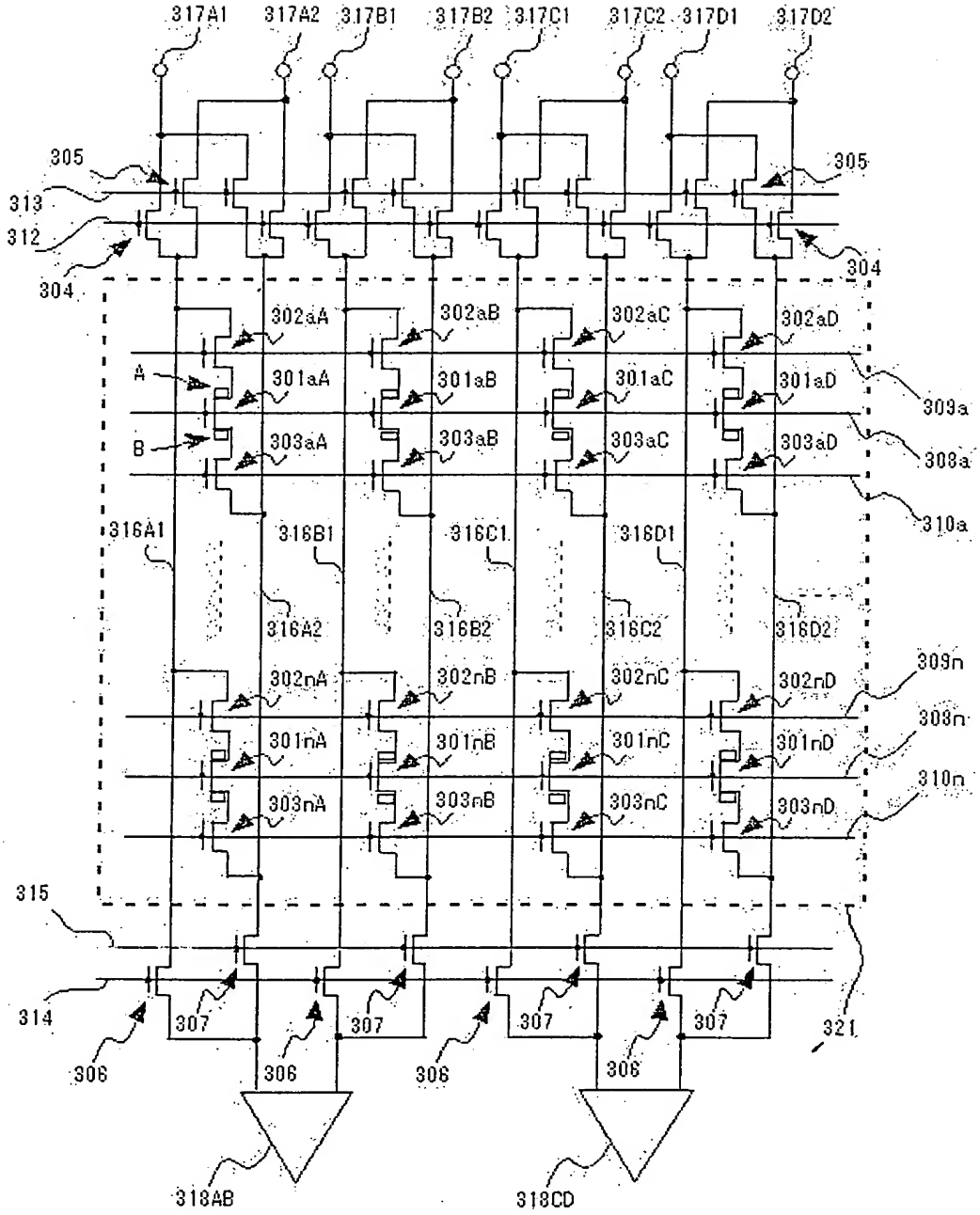


Fig. 20


317A1
317A2
317B1
317B2
317C1
317C2
317D1
317D2
305
313
312
304
302aA
302aB
302aC
302aD
A
301aA
301aB
301aC
301aD
309a
B
303aA
303aB
303aC
303aD
308a
310a
316A1
316B1
316C1
316D1
316A2
316B2
316C2
316D2
309n
302nA
302nB
302nC
302nD
308n
301nA
301nB
301nC
301nD
310n
303nA
303nB
303nC
303nD
315
314
307
306
321
318AB
318CD

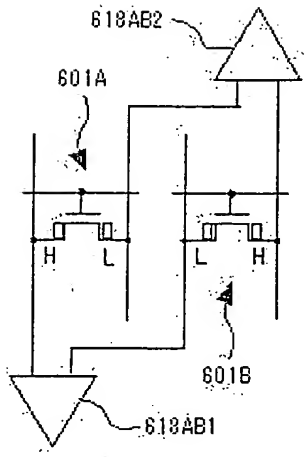


Fig. 21A

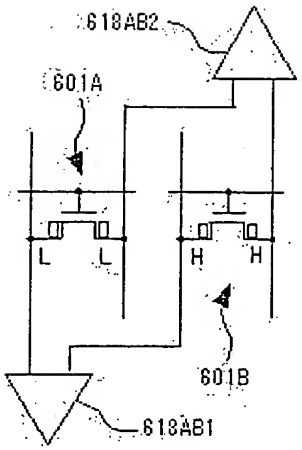


Fig. 21B

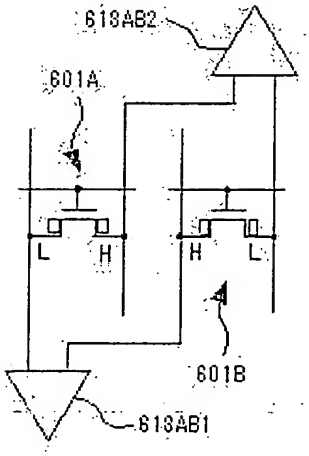


Fig. 21C

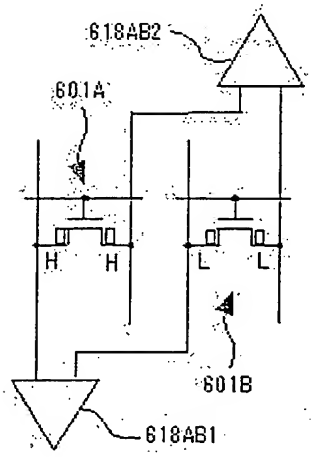


Fig. 21D

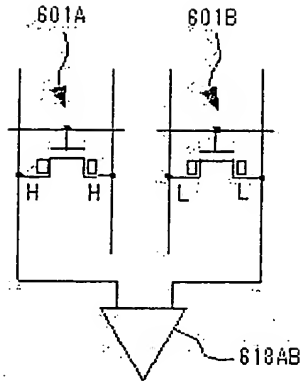


Fig. 22A

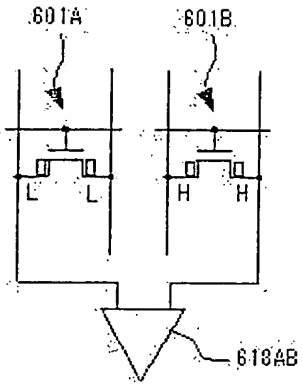
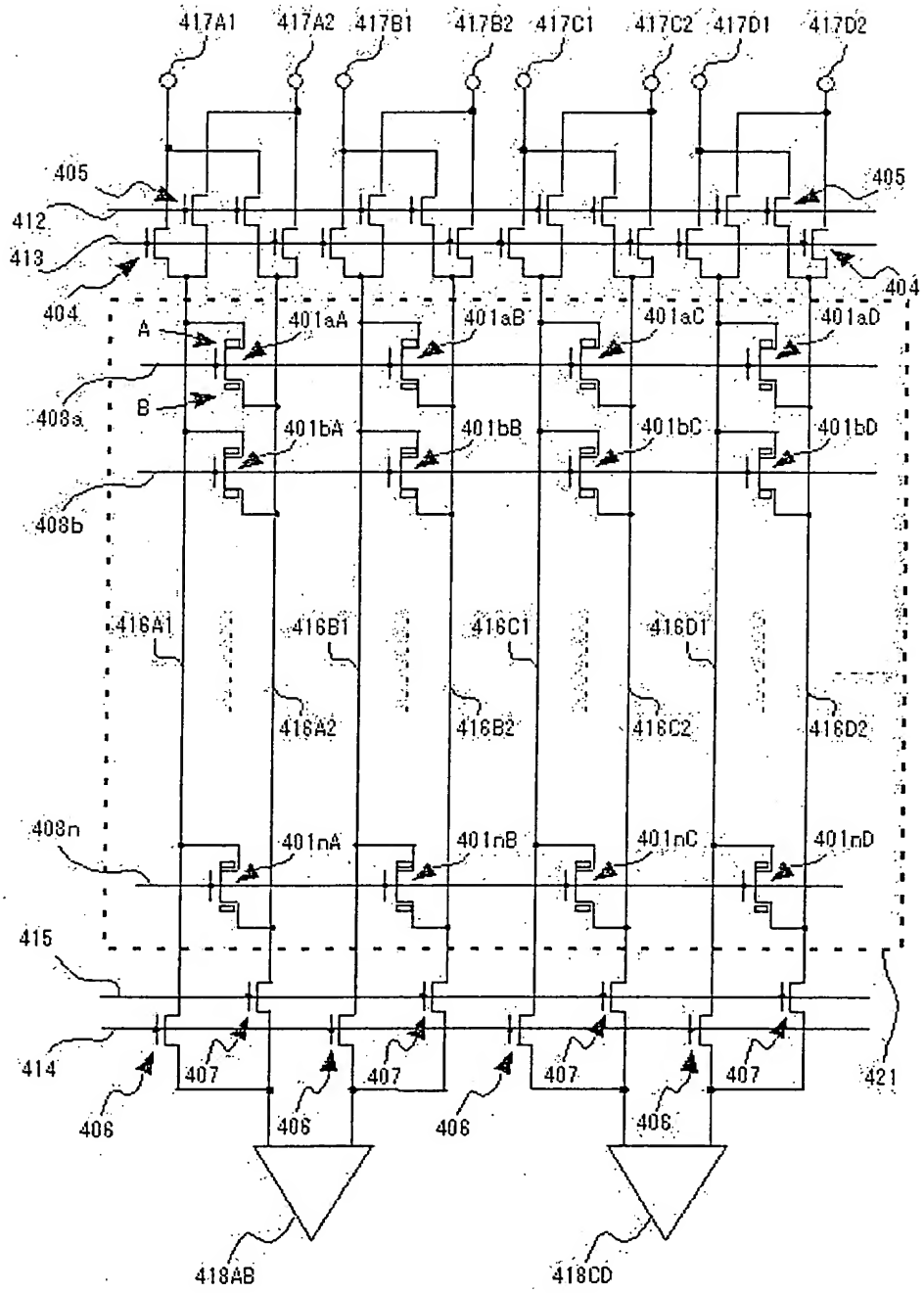


Fig. 22B

Fig. 23


417A1
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417B1
417B2
417C1
417C2
417D1
417D2
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405
412
413
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404
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B
401aA
401aB
401aC
401aD
401bA
401bB
401bC
401bD
408a
408b
416A1
416B1
416C1
416D1
416A2
416B2
416C2
416D2
408n
401nA
401nB
401nC
401nD
415
414
407
407
407
407
406
406
406
406
421
418AB
418CD

Fig. 24

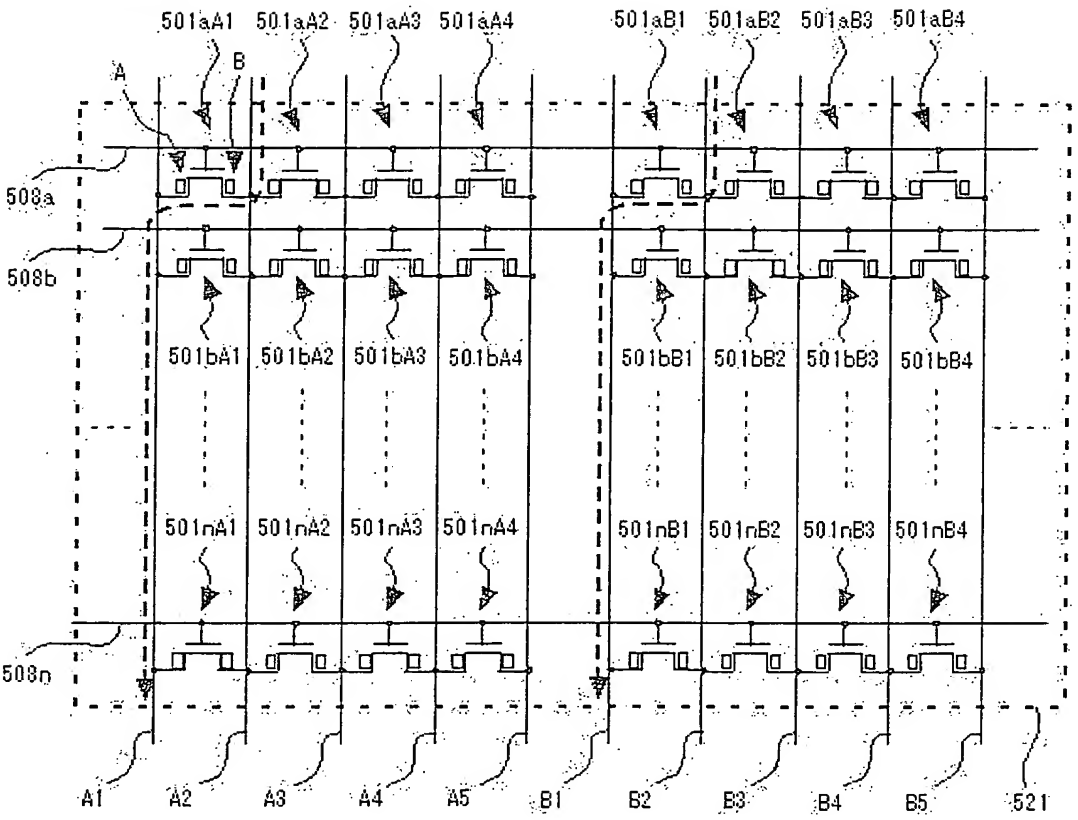

501aA1
501aA2
501aA3
501aA4
501aB1
501aB2
501aB3
501aB4
A
B
508a
508b
501bA1
501bA2
501bA3
501bA4
501bB1
501bB2
501bB3
501bB4
501nA1
501nA2
501nA3
501nA4
501nB1
501nB2
501nB3
501nB4
508n
A1
A2
A3
A4
A5
B1
B2
B3
B4
B5
521

Fig. 25

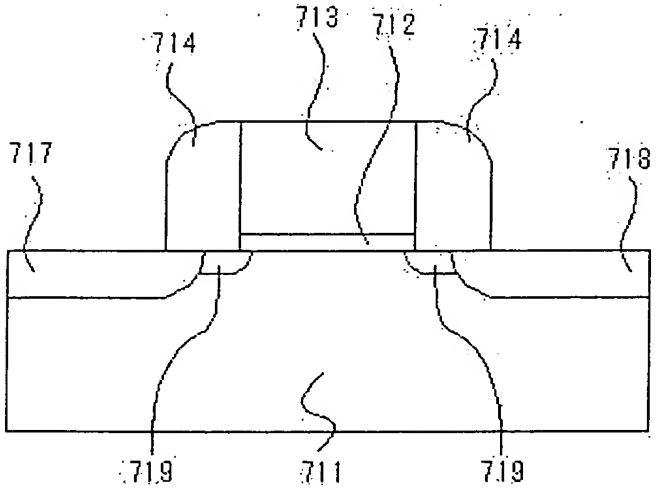

713
712
714
714
717
718
719
711
719

Fig. 26

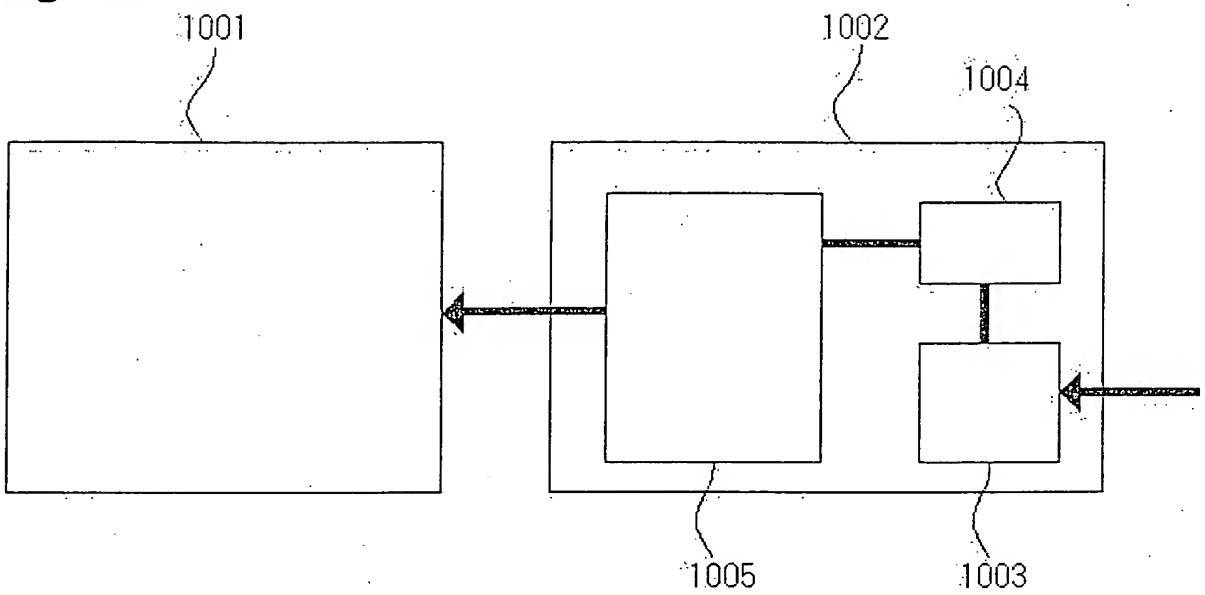
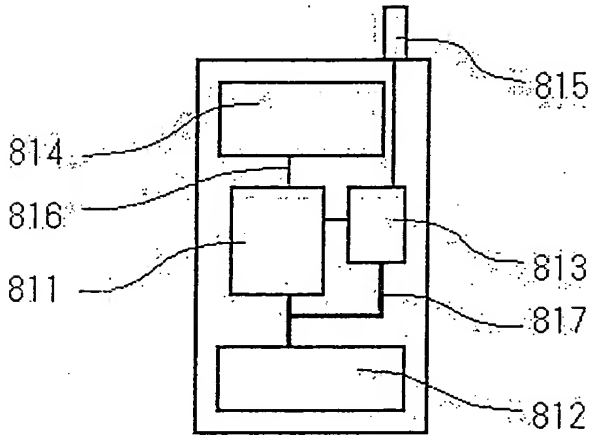


Fig. 27



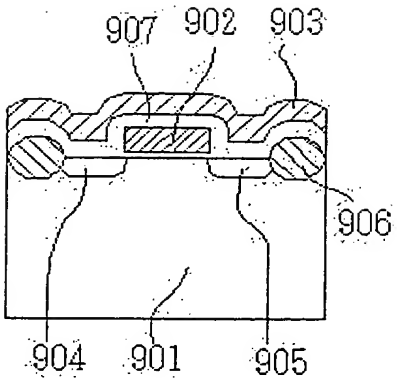


Fig. 28
prior art

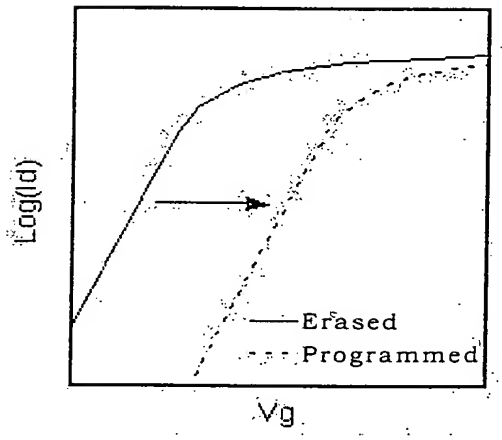


Fig. 29
prior art